

*You are invited to attend the*  
**SMIP06 Seminar**

on Utilization of Strong-Motion Data

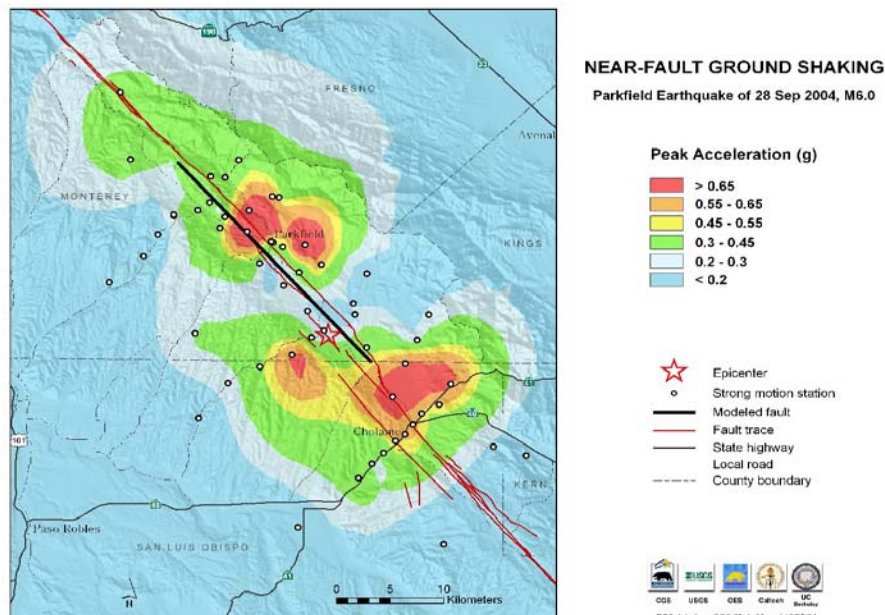
**September 28, 2006**

Oakland, California

Sponsored by  
California Strong Motion Instrumentation Program  
California Geological Survey  
California Department of Conservation



**Near-Fault Ground Shaking Map**  
**Parkfield M6.0 Earthquake of September 28, 2004**



# **SMIP06 Seminar**

## ***on Utilization of Strong-Motion Data***

The purpose of this annual Seminar is to increase the utilization of strong-motion data in improving post-earthquake response, seismic code provisions and design practices. The SMIP06 Seminar is an annual event designed to transfer recent research findings on strong-motion data to practicing seismic design professionals and earth scientists. The goal is to provide information that will be useful immediately in seismic design practice and post-earthquake response and, in the longer term, in the improvement of seismic design codes and standards.

The Seminar will mark the second anniversary of the M6.0 Parkfield earthquake of September 28, 2004 and will focus on the interpretation results from the strong-motion data recorded from the Parkfield earthquake. Speakers and topics include:

- Douglas Dreger, UC Berkeley, *"Investigation of the Rupture Process of the 2004 Parkfield Earthquake Utilizing Near-Fault Seismic Records and Implications for ShakeMap"*
- Arben Pitarka, URS Corporation, *"Implication of the Rupture Dynamics in the Spatial Distribution and Amplitude of the Near-Fault Ground Motion from the 2004 Parkfield Earthquake"*
- Dionisio Bernal, Northeastern University, *"Instability Inducing Potential of Near-Fault Motions"*
- Eduardo Miranda, Stanford University, *"Development of Improved Intensity Measures and Improved ShakeMaps for Loss Estimation and Emergency Response"*
- John Hall, California Institute of Technology, *"Study of Building Records from the Parkfield and San Simeon Earthquakes"*
- B. Tom Boardman, Kleinfelder, *"Evaluation of the Seismic Response of Hwy 46/Cholame Creek Bridge During the 2004 Parkfield Earthquake"*
- Turkey Flat Blind Prediction Experiment Summary

Information about CSMIP is available at the Department of Conservation's Web site at [www.conservation.ca.gov/cgs/smip](http://www.conservation.ca.gov/cgs/smip) and at [quake.ca.gov](http://quake.ca.gov). Data from many earthquakes can be viewed and downloaded conveniently for use in engineering and scientific applications at the [www.quake.ca.gov/cisn-edc](http://www.quake.ca.gov/cisn-edc).

Please visit [www.conservation.ca.gov/cgs/smip/seminar.htm](http://www.conservation.ca.gov/cgs/smip/seminar.htm) to get an update on the SMIP06 Seminar.